

TITLE

Project No. _____

Book No. _____

101

From Page No. _____

Page #1
User : 5HT FUNCT

Packard Instrument Company
125I BINDING(QUICK)

Protocol #: 17
15:40

Count Time(minutes): 2.00
Assay Type: CPM
Background Subtract : IPA 8kg
Outlier: 5.0 FLAG
Screening: OFF

Window A
Nuclide: I-125
Half Life(hours): 0.00
Multiplier: 1.0000
%CV Flag Limit: 0.00

125I-MNU-8 @
SNR72

SR	A:CPM	A:ERR	B:CPM	B:ERR	A:ERROR	CCPM RESULT	PAT/ID
1	28007.1	0.42	0.0			28007.1	SAMPLE 1
2	27068.4	0.43	0.0			27068.4	SAMPLE 2
3	160062	0.18	0.0			160062	SAMPLE 3
4	169036	0.17	0.0			169036	SAMPLE 4

cell met. rane harvest chart

DATE: Mon

Batch #	CB	Receptor	Book #	cell line	P#	plate #	confluency	TE WashBuffer	Sonic.	Homogen	Final Buff.
15818	TJ	hSMC62	BW23A	65-7	93	50	100	100.0ul	250% 250% 250%	Homogen final	10.0
15819	DT	hSMC72	BW30A	65-7	93	50	100%	100.0ul	250% 250% 250%	Homogen final	10.0

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125 μ g M_N2
 3ml + 200l \approx 70,000 μ g/ml

4ml + 290 = 100g SNMF62 15818
 4ml + 250 = 100g SNMF72 15819
 4ml + 650 = 100g SNMF62 15341

PHDBABBP

"B"

BECKMAN DU-600

PHDBABBP

"B"

PHDBABBP

"B"

Date:

Time: 11:48

Protein Analysis: Samples
 ReadSamples Standards

SaveClear

Print

Quit

Results file: A:\WORK_RES
 Assay type: Bradford
 Component name: new_stuff
 Curve fit: Linear, non-zero intercept
 Slope: 0.03835 A_Int: 0.0487
 Dilution correction: [Yes]
 Read average time: 0.50 sec

Standards file: A:\XP699
 Analytical wl: 595.0 nm
 Method name: A:\DEFAULT
 Number of sample replicates: 2
 samples over: 1.000 % CV
 Sampling device: Auto smplr

Sample ID	Rep#	Analytical abs	Dilution Factor	Conc ug/ml	Flag
1	1	0.5769	1.0000	13.7725	
1	2	0.6207	1.0000	14.9148	
			Mean:	14.3437	
2	1	0.6823	1.0000	16.5211	
2	2	0.7340	1.0000	17.8676	
			Mean:	17.1943	
3	1		1.0000		

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om Pag: _____

16:38

Packard Instrument Company

Protocol #: 17

125I BINDING (QUICK)

User _____

Count Time(minutes): 2.00
Assay Type: CPM
Background Subtract : IPA Bkg
Outlier: 5.0 FLAG
Screening: OFF

Window A
Nuclide: I-125
Half Life(hours): 0.00
Multiplier: 1.0000
3CV Flag Limit: 0.00

S# A:CPM A:3ERR B:CPM B:3ERR A:ERROR CCPM RESULT PAT/ID
1 116163 0.21 0.0 116163 SAMPLE 1
2 117394 0.21 0.0 117394 SAMPLE 2

16 MISSING TURF(S)

PAT/ID
SAMPLE 1
SAMPLE 2

125I MNU-28

16:55

Counting protocol no: 9

Name: SPA_125I

CPM normalization protocol no: 9

Total count rate: 35154.5 CCPM

PLATES:

Plate 1

Cassette information:

Assay: -/Prot: -/Cass: -/Func: STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPMI

1 2 3 4 5 6 7 8 9 10 11 12
A 256 249 263 263 181 187 198 150 7 14 6 8
B 341 296 322 263 152 168 156 169 11 13 9 8
C 302 307 305 292 158 147 150 137 10 6 17 8
D 875 959 1080 1025 529 530 601 561 11 19 8 5
E 625 601 638 574 326 340 332 297 9 9 9 5
F 580 576 549 601 326 386 336 300 9 5 11 8
G 1167 1271 1417 1256 912 738 823 744 13 22 11 14
H 1159 1258 1119 1158 724 723 764 640 11 11 8 9

End of plate 1

Total count rate: 23479.8 CCPM

PLATES:

Plate 1

Cassette information:

Assay: -/Prot: -/Cass: -/Func: STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPMI

1 2 3 4 5 6 7 8 9 10 11 12
A 185 177 228 182 139 131 158 146 10 14 9 11
B 177 206 227 187 69 98 111 99 18 5 3 5
C 227 209 213 216 58 81 57 114 8 5 3 3
D 595 707 726 680 352 357 439 289 13 14 14 9
E 424 396 433 421 172 222 199 203 13 52 11 2
F 411 458 547 463 123 105 121 130 11 5 6 6
G 1031 1088 1100 1124 299 242 291 239 6 17 8 6
H 1050 967 1136 997 239 225 237 220 10 3 16 9

End of plate 1

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114

From Page No. _____

hSWRF72

SPA

115 ~~5~~

start n=1

Time: 11:50 AM

S ML

13 plates

n=1

CC40-7

8

9

10

11

12

13

14

15

16

17

18

CC43-01

start time: 4:05 PM

n=2

CC-40-7

⋮

CC40-18

CC43-01

Count spi
6:00 PM

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Date

Invented by

Date

Recorded by

om Page No.

Protocol #17 11:40 Packard Instrument Company 125I BINDING(QUICK) Page User : 5HT FUN

Count Time(minutes): 2.00
Assay Type: CPM
Background Subtract : IPA Bkg
Outlier: 5.0 FLAG
Screening: OFF

Window A
Nuclide: I-125
Half Life(hours): 0.00
Multiplier: 1.0000
3CV Flag Limit: 0.00

Sl	A:CPM	A:3ERR	B:CPM	B:3ERR	A:ERROR	CCPM RESULT	PAT/ID
1	116080	0.21	0.0			116080	SAMPLE 1
2	128170	0.20	0.0			128170	SAMPLE 2

MNU 125
23

Htsreq

Date		h-SNORF72	Receptor
Number of Compound Plates (A)	25	Plates	" Per Receptor "
Number of HTS Assay Plates (B)	26	Plates	" B = A plates + 1 control plate"
Membrane Volume Required (C)	560	ml	" C = (B plates + 2 plates extra) * 100 wells/plate * 0.2 ml"
R. L. Required in Deepwell (D)	700	ul/well	" D = (B plates + 2 plates extra) * 25 ul/well"
NSB Volume Required (G)	3.6	ml	" G = 0.025ml * ((B *4) wells + 40 extra wells)"
PEI Required (E)	150	ml	" E = (B plates *100 wells/plate* 0.05 ml/well) + 20 ml"
Wash Buffer Required (F)	2580	ml	" F = (B plates * 100 wells/plate * 0.2 ml/(well*wash) * 4 washes) + 500 ml extra"
Date		h-SNORF72	Receptor
Number of Compound Plates (A)	12	Plates	" Per Receptor "
Number of HTS Assay Plates (B)	13	Plates	" B = A plates + 1 control plates"
Membrane Volume Required (C)	300	ml	" C = (B plates + 2 plates extra) * 100 wells/plate * 0.2 ml"
R. L. Required in Deepwell (D)	375	ul/well	" D = (B plates + 2 plates extra) * 25 ul/well"
NSB Volume Required (G)	2.3	ml	" G = 0.025ml * ((B *4) wells + 40 extra wells)"
PEI Required (E)	85	ml	" E = (B plates *100 wells/plate* 0.05 ml/well) + 20 ml"
Wash Buffer Required (F)	1540	ml	" F = (B plates * 100 wells/plate * 0.2 ml/(well*wash) * 4 washes) + 500 ml extra"

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16

rom Page No. _____

Counting protocol no: 9

13:47

Name: SPA_125I

CPM normalization protocol no: 9

Total count rate: 55225.7 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

Pre-Assay

	1	2	3	4	5	6	7	8	9	10	11	12
A	2781	2925	2969	2756	307	311	277	331	5	8	10	3
B	3041	2999	3308	2898	356	298	282	291	15	5	9	6
C	3044	3088	3152	3054	477	484	389	403	11	8	17	5
D	15	18	24	29	15	13	8	17	14	11	11	8
E	1225	1491	1389	1275	474	470	478	459	6	9	13	5
F	1400	1254	1362	1205	443	473	492	476	5	14	8	5
G	9	16	11	27	13	8	18	18	11	17	22	13
H	6	11	14	11	8	13	10	10	6	11	6	3

*Swamp 72**Swamp 72*

Plate list for Runset hy20306

Date: _____

Page: 1

Plate Position	D-Plate ID	M-Plate ID	Type	Submission Date
1	CC40-07_D0002	CC40-07_M0001		
2	CC40-08_D0002	CC40-08_M0001		
3	CC40-09_D0002	CC40-09_M0001		
4	CC40-10_D0002	CC40-10_M0001		
5	CC40-11_D0002	CC40-11_M0001		
6	CC40-12_D0002	CC40-12_M0001		
7	CC40-13_D0002	CC40-13_M0001		
8	CC40-14_D0002	CC40-14_M0001		
9	CC40-15_D0002	CC40-15_M0001		
10	CC40-16_D0002	CC40-16_M0001		
11	CC40-17_D0002	CC40-17_M0001		
12	CC40-18_D0002	CC40-18_M0001		
13	CC43-01_D0002	CC43-01_M0001		

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Witnessed & Understood by me, _____

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Invented by _____

Date, _____

Recorded by _____

Project No. _____

Book No. _____

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om Page No. Plate list for Runset h0306a

Date: _____

Page: 1

Plate Position	D-Plate ID	M-Plate ID	Type	Submission Date
1	CC40-07_D0002	CC40-07_M0001		
2	CC40-08_D0002	CC40-08_M0001		
3	CC40-09_D0002	CC40-09_M0001		
4	CC40-10_D0002	CC40-10_M0001		
5	CC40-11_D0002	CC40-11_M0001		
6	CC40-12_D0002	CC40-12_M0001		
7	CC40-13_D0002	CC40-13_M0001		
8	CC40-14_D0002	CC40-14_M0001		
9	CC40-15_D0002	CC40-15_M0001		
10	CC40-16_D0002	CC40-16_M0001		
11	CC40-17_D0002	CC40-17_M0001		
12	CC40-18_D0002	CC40-18_M0001		
13	CC43-01_D0002	CC43-01_M0001		

Plate list for Runset hy20306

Date: _____

Page: 1

Plate Position	D-Plate ID	M-Plate ID	Type	Submission Date
1	CC40-07_D0002	CC40-07_M0001		
2	CC40-08_D0002	CC40-08_M0001		
3	CC40-09_D0002	CC40-09_M0001		
4	CC40-10_D0002	CC40-10_M0001		
5	CC40-11_D0002	CC40-11_M0001		
6	CC40-12_D0002	CC40-12_M0001		
7	CC40-13_D0002	CC40-13_M0001		
8	CC40-14_D0002	CC40-14_M0001		
9	CC40-15_D0002	CC40-15_M0001		
10	CC40-16_D0002	CC40-16_M0001		
11	CC40-17_D0002	CC40-17_M0001		
12	CC40-18_D0002	CC40-18_M0001		
13	CC43-01_D0002	CC43-01_M0001		

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Invented by _____

Date: _____

Recorded by _____

from Page list for Runset hSNORF7

Date: _____

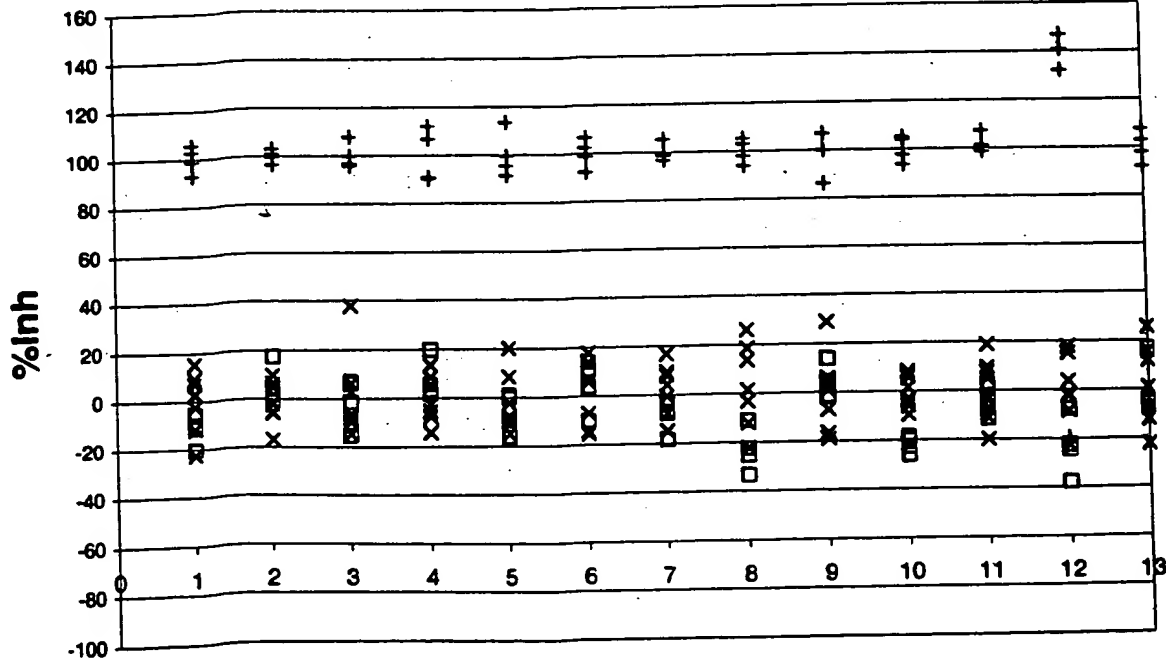
Page: 1

Plate Position	D-Plate ID	M-Plate ID	Type	Submission Date
1	CC40-07_D0003	CC40-07_M0001		
2	CC40-08_D0003	CC40-08_M0001		
3	CC40-09_D0003	CC40-09_M0001		
4	CC40-10_D0003	CC40-10_M0001		
5	CC40-11_D0003	CC40-11_M0001		
6	CC40-12_D0003	CC40-12_M0001		
7	CC40-13_D0003	CC40-13_M0001		
8	CC40-14_D0003	CC40-14_M0001		
9	CC40-15_D0003	CC40-15_M0001		
10	CC40-16_D0003	CC40-16_M0001		
11	CC40-17_D0003	CC40-17_M0001		
12	CC40-18_D0003	CC40-18_M0001		
13	CC43-01_D0003	CC43-01_M0001		

hSNORF72 Standards

n=1

x Totals
 □ 1000 fold of NSB
 + NSBs



Plates

Witnessed & Understood by me, _____

Invented by _____

Date, _____

Recorded by _____

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om f

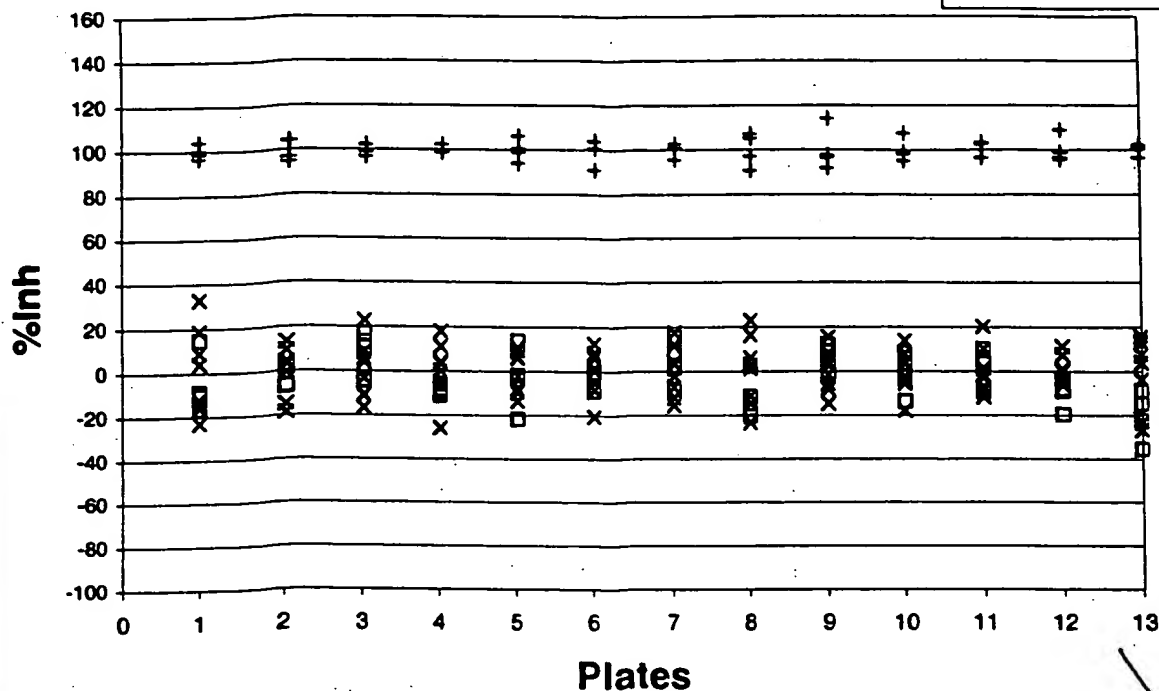
hSNORF72 Standards

n=2

x Totals

□ 1000 fold of NSB

+ NSBs



hSNORF72 Hits

SAMPLE ID	COMPD ID	%Inh 3/24a	%Inh 3/24b	Avg
CC40-07-B12	SNAP53334-X	46.50	51.90	49.20
CC40-09-A12	SNAP53487-X	41.74	41.85	41.79
CC40-08-E12	SNAP53447-X	35.47	47.26	41.37
CC40-09-E04	SNAP53519-X	31.62	43.96	37.79
CC40-09-G12	SNAP54488-X	42.73	31.90	37.31
CC40-07-E12	SNAP53364-X	33.80	37.83	35.81
CC40-15-H10	SNAP54148-X	39.36	30.26	34.81
CC40-07-A09	SNAP49617-X	35.52	33.90	34.71
CC40-07-E07	SNAP53359-X	17.44	51.69	34.56
CC40-08-F12	SNAP53457-X	35.26	33.61	34.43
CC40-08-E11	SNAP53446-X	26.14	41.98	34.06
CC40-08-B12	SNAP53417-X	46.29	20.40	33.34
CC40-09-H11	SNAP53556-X	37.77	28.72	33.25
CC40-12-H11	SNAP53827-X	42.29	23.88	33.09
CC40-07-E04	SNAP53356-X	42.84	23.14	32.99
CC40-09-F04	SNAP53529-X	39.75	26.18	32.97
CC40-08-E04	SNAP53439-X	35.26	29.20	32.23
CC40-07-F06	SNAP53369-X	21.53	42.79	32.16
CC40-09-E12	SNAP53527-X	34.79	29.36	32.08
CC40-07-E09	SNAP53361-X	14.85	48.17	31.51
CC40-07-H11	SNAP53394-X	29.28	32.86	31.07
CC40-09-A09	SNAP53484-X	28.65	32.75	30.70
CC40-07-B11	SNAP53333-X	9.04	52.31	30.68
CC40-09-H04	SNAP54490-X	28.25	31.90	30.07
CC40-09-E11	SNAP53526-X	34.99	25.13	30.06

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Witnessed & Understood by me.

Date

Invented by

Date

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RUN INFORMATION:

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Counting protocol no: 9

Name: SPA_1251

CPM normalization protocol no: 9

Total count rate: 87762.0 CCPM

PLATES:

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Plate 1

Cassette information:

Assay: -/Prot: -/Cass: -/Func: STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

26Temp15.txt

14:5'

h SWOFF 72 -SPA

125 MNV-23

RDO: X15

std 1000 fold dilution of NSB CC40-07

	1	2	3	4	5	6	7	8	9	10	11	12
A	971	1039	874	1054	922	1012	862	826	805	821	921	864
B	1043	540	990	961	877	877	903	905	870	937	928	754
C	952	1032	972	901	925	1372	855	901	896	1060	938	894
D	1094	512	909	960	804	864	938	907	952	942	917	881
E	912	1011	811	771	897	868	889	978	901	923	927	813
F	974	492	839	930	878	870	978	950	907	1068	930	940
G	997	1083	924	986	961	1025	931	902	929	1093	929	983
H	941	478	898	948	885	973	812	1234	898	939	834	792

End of plate 1

Total count rate: 90933.9 CCPM

PLATES:

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Plate 1

Cassette information:

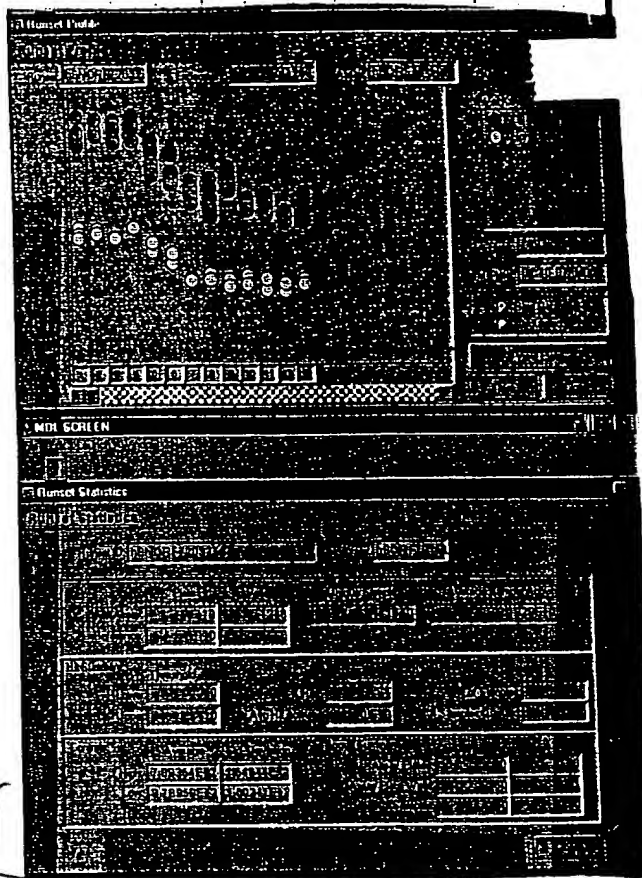
Assay: -/Prot: -/Cass: -/Func: STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

CC40-08

	1	2	3	4	5	6	7	8	9	10	11	12
A	957	994	1013	1003	859	865	854	1003	893	980	872	881
B	972	533	960	988	957	1065	889	959	930	884	1009	784
C	1028	983	942	900	1082	870	959	884	876	1020	950	919
D	979	516	930	985	1113	1069	1015	994	962	1198	1103	980
E	957	920	869	836	999	938	954	984	931	943	879	835
F	1030	548	944	998	910	934	979	1033	904	946	964	836
G	1082	1003	1033	999	917	923	968	942	1036	1073	1115	917
H	1013	526	1005	1010	1021	1171	911	997	952	967	1031	890



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Date _____

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Date _____

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	1	2	3	4	5	6	7	8	9	10	11	12
A	993	961	1093	933	888	822	882	834	836	916	854	770
B	1025	497	894	900	844	857	816	878	874	912	884	729
C	942	1028	807	791	892	794	814	975	842	832	857	778
D	992	492	885	1166	842	964	810	956	1005	1011	938	854
E	926	920	808	821	797	772	840	1077	888	980	804	805
F	984	477	887	780	933	941	1001	882	885	1011	874	835
G	1001	924	966	912	858	981	1014	881	856	976	945	765
H	774	439	902	838	782	789	1004	851	968	897	790	809

CC40-095

End of plate 1

Total count rate: 86314.7 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

CC40-10

	1	2	3	4	5	6	7	8	9	10	11	12
A	1047	881	980	907	865	900	853	780	912	917	814	895
B	937	537	848	941	968	818	868	741	907	854	719	760
C	1004	968	932	990	900	853	900	819	861	866	926	915
D	991	540	1006	886	1557	960	922	978	970	979	935	847
E	1015	950	928	848	879	900	890	912	945	979	919	933
F	1005	460	898	944	884	851	930	817	965	964	961	925
G	912	961	766	918	922	971	896	880	954	900	994	854
H	913	434	915	971	974	930	846	938	889	912	904	899

End of plate 1

Total count rate: 80799.1 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

CC40-11

	1	2	3	4	5	6	7	8	9	10	11	12
A	831	909	1054	862	804	825	910	871	861	851	868	792
B	806	434	911	929	855	834	767	793	866	811	817	885
C	903	939	920	950	741	770	858	848	835	907	1054	915
D	878	470	845	941	857	837	878	843	819	821	846	910
E	934	868	897	800	842	701	748	877	795	852	957	1080
F	780	452	984	944	811	761	813	927	952	910	785	853
G	911	863	893	915	992	918	850	848	832	876	785	749
H	904	373	796	965	814	817	789	680	795	752	746	884

End of plate 1

CCPM1

CC40-12

	1	2	3	4	5	6	7	8	9	10	11	12
A	739	767	789	748	776	767	785	830	747	1011	767	865
B	787	380	890	932	913	787	752	785	830	919	836	1013
C	876	857	921	834	915	897	593	697	682	647	811	730
D	881	423	686	716	683	827	611	717	785	690	704	777
E	756	754	662	742	685	712	766	832	1007	847	885	919
F	790	396	837	866	751	753	814	894	1010	956	946	838
G	844	798	1015	721	669	713	682	688	787	790	742	699
H	842	362	752	746	749	796	832	723	715	727	635	777

End of plate 1

Total count rate: 65849.9 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

CC40-13

	1	2	3	4	5	6	7	8	9	10	11	12
A	702	751	639	677	620	659	678	619	668	663	700	669
B	687	311	679	689	800	688	708	666	689	735	672	689
C	722	748	703	757	700	725	728	694	702	722	635	746
D	680	303	766	748	669	821	758	702	706	723	763	776
E	649	733	765	672	727	716	778	733	665	709	733	735
F	752	274	637	764	798	667	624	679	766	793	632	730
G	783	797	687	722	688	745	651	702	792	706	703	626
H	782	299	588	644	660	696	655	655	582	633	616	654

End of plate 1

Total count rate: 67380.2 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

CC40-14

	1	2	3	4	5	6	7	8	9	10	11	12
A	760	771	728	722	682	686	655	699	632	734	718	667
B	633	333	730	796	770	771	774	801	811	565	753	626
C	615	761	729	734	722	773	749	747	653	734	707	658
D	724	307	732	762	719	703	782	826	681	726	803	634
E	589	720	783	679	734	732	720	736	667	768	732	599
F	676	315	738	836	772	743	728	701	877	704	673	715
G	761	800	819	774	764	758	754	693	858	780	684	651
H	692	348	623	728	628	602	670	664	641	648	693	616

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CCPM1

CC40-15

	1	2	3	4	5	6	7	8	9	10	11	12
A	805	675	702	669	704	680	634	785	653	728	739	721
B	731	309	711	718	681	733	696	735	756	754	732	667
C	815	742	848	781	704	694	734	744	612	694	773	710
D	764	368	814	687	742	624	719	779	750	669	704	770
E	715	740	615	700	628	643	692	709	708	688	643	652
F	709	279	733	617	703	693	802	684	657	782	688	776
G	726	715	740	767	762	812	650	682	792	728	692	706
H	612	280	643	679	743	699	683	646	635	570	615	601

End of plate 1

Total count rate: 65271.5 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

CC40-16

	1	2	3	4	5	6	7	8	9	10	11	12
A	638	721	619	614	632	543	607	753	694	660	660	632
B	658	323	781	669	704	834	689	676	642	680	732	770
C	625	733	772	715	794	799	676	650	781	704	655	760
D	654	287	746	663	619	672	644	631	677	594	703	663
E	676	711	665	786	755	847	934	885	778	813	587	807
F	620	309	704	729	745	806	865	741	752	805	712	663
G	664	707	618	620	649	732	675	659	635	687	667	598
H	615	283	672	654	685	734	601	644	737	648	632	618

End of plate 1

Total count rate: 64466.8 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

CC40-17

	1	2	3	4	5	6	7	8	9	10	11	12
A	668	622	766	748	869	685	838	730	754	823	679	1031
B	639	261	708	955	693	652	779	596	865	652	629	662
C	698	669	695	679	680	625	639	621	658	685	631	569
D	654	310	686	674	666	1003	839	790	597	748	698	693
E	597	646	628	716	675	717	695	874	673	746	651	696
F	613	282	715	648	699	751	595	774	582	649	582	598
G	565	637	762	609	707	553	659	678	670	617	609	579
H	604	291	653	635	599	583	728	717	691	746	641	626

CCPM1

CC40-18

	1	2	3	4	5	6	7	8	9	10	11	12
A	588	614	769	772	622	728	751	673	870	812	724	680
B	600	255	805	809	749	651	624	652	713	628	737	1005
C	561	684	990	1039	718	652	687	752	705	697	748	609
D	602	289	680	642	692	657	798	766	926	772	749	873
E	616	649	998	909	956	769	808	653	744	673	663	762
F	600	269	681	612	588	646	665	679	595	762	627	634
G	649	653	697	807	637	902	801	829	890	850	703	706
H	555	642	789	706	889	745	991	734	737	778	896	832

End of plate 1

Total count rate: 60503.4 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

CC43-01

	1	2	3	4	5	6	7	8	9	10	11	12
A	577	643	738	659	662	612	638	636	657	672	680	610
B	614	306	647	630	627	741	657	590	728	621	651	620
C	658	636	573	623	565	636	809	616	572	620	577	705
D	659	286	586	635	693	583	743	773	562	640	867	620
E	565	633	597	803	674	602	720	727	683	674	590	627
F	693	253	639	638	672	724	623	584	574	613	556	646
G	641	560	716	624	621	626	623	563	702	558	620	671
H	531	269	680	600	624	683	661	883	620	606	651	608

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From Page No. _____

RUM INFORMATION:

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Counting protocol no: 9

Name: SPA_1251

CPM normalization protocol no: 9

Total count rate: 84948.0 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

	1	2	3	4	5	6	7	8	9	10	11	12
A	949	898	899	1124	1053	1135	890	895	812	929	795	842
B	1077	491	913	985	970	920	969	925	836	896	723	725
C	1032	1046	963	902	870	868	946	883	797	868	737	883
D	812	498	916	909	880	813	911	889	833	811	842	815
E	1044	1016	927	864	797	821	726	887	743	834	801	793
F	1025	508	852	935	821	769	881	906	950	954	826	927
G	926	1008	976	1016	919	843	883	1006	966	971	907	1018
H	879	473	957	869	920	982	866	1035	980	869	817	883

End of plate 1

Total count rate: 86644.6 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

	1	2	3	4	5	6	7	8	9	10	11	12
A	945	951	889	942	911	985	931	999	881	915	826	848
B	1027	488	917	947	934	915	933	871	915	868	822	868
C	1045	953	880	855	871	855	910	868	889	922	822	876
D	963	521	834	1016	1027	1003	883	912	948	895	1098	1040
E	900	988	905	828	854	837	925	874	871	859	770	746
F	946	530	902	866	946	894	957	937	901	891	805	808
G	918	990	909	876	920	885	904	845	848	896	1082	903
H	941	487	1037	910	1088	1273	839	1025	1007	1074	986	851

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CCPM1

	1	2	3	4	5	6	7	8	9	10	11	12
A	899	857	1144	892	917	843	1056	880	777	1011	876	734
B	931	464	917	896	952	807	899	850	834	886	827	890
C	992	936	984	844	858	923	864	1003	793	843	781	841
D	878	474	987	828	985	883	869	933	981	923	782	946
E	813	839	894	724	894	915	782	1097	843	990	813	793
F	967	449	788	808	873	821	898	840	819	805	763	819
G	965	868	868	802	838	855	894	831	842	814	935	781
H	890	450	839	781	987	828	1121	898	973	917	796	854

End of plate 1

Total count rate: 89589.2 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

	1	2	3	4	5	6	7	8	9	10	11	12
A	876	997	986	1038	948	1283	911	932	988	964	864	860
B	983	478	998	899	1037	957	972	910	993	931	1026	885
C	959	1011	1003	953	960	982	1072	949	973	914	961	857
D	941	490	965	954	949	896	919	860	986	876	907	890
E	908	986	931	954	949	907	926	1000	862	973	848	929
F	988	495	946	920	902	876	927	945	871	905	879	911
G	1081	1003	990	944	953	858	927	909	951	908	889	1036
H	944	495	975	1015	1185	965	1012	1036	1125	887	922	895

End of plate 1

Total count rate: 86235.9 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

	1	2	3	4	5	6	7	8	9	10	11	12
A	838	873	1203	906	965	957	964	1092	1030	949	906	810
B	875	425	947	933	802	859	894	864	843	849	914	1007
C	907	881	995	1045	945	940	916	903	954	1009	1024	1064
D	899	433	1037	1106	1027	831	917	909	898	854	894	791
E	924	960	994	866	886	926	868	938	857	821	886	1128
F	820	454	1155	962	832	832	861	1081	930	805	933	966
G	825	806	891	1089	951	911	914	823	862	867	812	884
H	839	401	830	1147	840	883	829	864	801	798	787	1009

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im Page No
CCPM1

CC40-12

CCPM1

CC40-15

	1	2	3	4	5	6	7	8	9	10	11	12
A	917	859	937	885	962	913	949	1126	840	1071	911	1063
B	867	409	1006	1127	1005	945	837	863	920	931	917	1189
C	800	842	1020	878	953	1082	822	804	781	832	830	801
D	829	462	772	860	876	860	831	802	851	789	821	796
E	783	869	887	849	839	876	876	1073	1092	848	866	978
F	832	410	840	950	860	843	932	1021	965	1153	1114	989
G	809	836	1081	866	838	822	885	763	774	830	781	840
H	830	423	754	820	870	800	811	830	986	940	727	777

End of plate 1

Total count rate: 75878.0 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

CC40-13

	1	2	3	4	5	6	7	8	9	10	11	12
A	886	744	805	856	892	837	863	819	874	739	803	711
B	825	350	881	788	868	784	868	812	876	844	745	719
C	848	776	818	792	857	931	817	760	820	771	779	817
D	800	373	847	808	884	944	790	788	750	782	810	894
E	762	853	902	725	904	1006	832	753	763	837	794	902
F	871	340	879	814	839	814	717	822	756	793	835	771
G	798	808	834	777	704	782	866	755	768	765	823	751
H	735	348	738	789	811	806	784	803	726	787	698	691

End of plate 1

Total count rate: 73833.3 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

CC40-14

	1	2	3	4	5	6	7	8	9	10	11	12
A	758	753	874	954	827	870	800	787	805	862	800	770
B	825	353	859	881	868	762	775	798	803	720	759	734
C	695	811	851	791	771	765	751	697	674	704	716	753
D	667	380	782	792	834	787	818	784	752	816	720	821
E	751	835	730	769	816	740	810	749	799	768	773	759
F	738	311	806	912	860	774	725	832	909	840	769	747
G	862	849	896	848	731	891	711	837	927	761	736	787
H	811	319	786	736	720	726	744	744	741	693	737	785

	1	2	3	4	5	6	7	8	9	10	11	12
A	804	828	814	743	777	785	804	805	728	910	810	734
B	892	370	892	855	784	870	819	795	757	818	879	832
C	831	767	1006	942	823	882	970	843	749	795	838	734
D	812	365	827	852	807	761	801	729	728	750	809	720
E	787	782	757	875	784	779	783	735	832	927	807	719
F	751	392	850	782	866	832	830	733	789	979	797	807
G	861	802	863	972	929	1053	857	836	890	775	830	851
H	850	288	784	927	786	836	762	763	715	688	717	705

End of plate 1

Total count rate: 78145.8 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

CC40-16

	1	2	3	4	5	6	7	8	9	10	11	12
A	854	835	869	754	740	796	885	894	803	831	818	780
B	786	359	905	823	847	902	857	832	901	837	871	972
C	758	740	892	788	1015	919	796	801	829	776	710	822
D	761	342	800	796	786	866	828	801	793	753	845	841
E	800	785	792	849	934	1001	1157	1003	890	896	696	969
F	743	305	832	947	908	1109	1099	995	858	879	779	877
G	793	751	730	730	718	684	798	841	734	728	765	734
H	716	346	662	794	896	841	799	774	1061	862	826	654

End of plate 1

Total count rate: 74508.5 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

CC40-17

	1	2	3	4	5	6	7	8	9	10	11	12
A	648	689	945	956	902	802	979	874	903	936	650	1182
B	778	308	823	892	761	790	963	680	1135	842	778	803
C	725	715	814	697	712	815	698	742	723	754	692	735
D	689	332	822	759	766	1002	872	886	791	881	881	821
E	765	767	762	856	863	706	646	1078	786	860	651	891
F	759	336	822	782	798	764	712	786	640	729	755	749
G	742	711	809	798	790	655	734	694	702	691	705	732
H	738	311	776	715	735	699	933	812	833	921	865	808

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Date

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from _____
CCPM1

CC40-18

	1	2	3	4	5	6	7	8	9	10	11	12
A	696	714	851	990	760	790	940	862	922	969	841	880
B	643	326	945	908	852	752	747	744	802	760	969	1380
C	681	698	1148	1306	1008	728	771	1000	814	847	740	716
D	658	329	830	751	688	672	824	888	1180	888	919	1120
E	707	757	1329	1110	1010	864	980	891	808	758	702	1006
F	684	280	752	720	675	859	773	707	659	902	741	750
G	704	717	897	947	688	1250	982	1035	974	969	893	993
H	708	317	861	931	1048	1057	1114	966	990	921	1138	1033

End of plate 1

Total count rate: 67451.9 CCPM

PLATES:

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Plate 1

Cassette information:

Assay: -/Prot: -/Cass: -/Func: STOP/Cassette no: 1/Shelf: 1/8*12

Plate ID: -

CCPM1

CC43-0.1

	1	2	3	4	5	6	7	8	9	10	11	12
A	595	724	696	697	641	708	705	669	676	749	703	811
B	740	303	657	639	625	721	684	676	897	726	694	787
C	623	770	662	705	670	707	905	778	643	748	559	661
D	605	318	726	693	704	735	803	725	682	691	697	666
E	635	678	686	1073	790	745	762	756	744	774	677	891
F	661	298	715	657	709	659	648	775	704	658	683	699
G	728	698	752	697	697	699	703	710	772	679	683	725
H	603	305	794	656	746	790	732	1049	662	735	782	979

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Jorgensen

Confidential

BINDING

EXPERIMENT NO.

Go to List

E17809 COShumSNORF72-
BN 30 A

ASSAY TYPE

Binding

EXP DATE Ligand SA EstKD nM [nM]

125IMNU-2 2200 0.900 0.125

DEAE,HandHomogFinal

Plate#

50x 150mm

Pass#

STDeff AssVol ul BindEffic Dil cpm delivered

0.80 250 .45 18 1221251

T(cpm) NS

917 491

1077 425

926 401

1045 350

899 305

1081 311

Total Delivered

152656 dpm

Total Bound

2202 dpm

Zone A (<10%)

1.44%

93

Scientist

VJ

Batch Used

Vials Used

Assays

15819

15819 1.00 3.6

15819 1.00 3.6

15819 1.00 3.6

15819 1.00 3.6

Membrane:

50 ul

in 250 ul

ug/well

10.00

Avg Total Avg NS SPB %SPB fM Bound fM/mg
991 381 610 62% 28 228

Determination of the Membrane Batch Concentration:

O.D. [] ul of 1: [] diluted membrane for O.D 595.

O.D. [] OD Avg [] Slope [] Intercept [] ug/cuvette [Stock]mg/ml

Desired SPB

[]

ug/well

10

?

36.1

[Batch]mg/ml

3.47

Assays

36

TotalVol(MLS)	Unknown Protein Conc	Known Protein Conc
	MembrVol(ul) ug/well	MembrVol(ul) ug/well
65.00	3675 9.81	? 10.00

BufVol(mls) BatchDilution

61.325 18

LPH_FinalBatchDil

88

Commentsspa, robot sml 13plates n=2

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Invented by _____

Date _____

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